



Approval # 20010031
(Replaces 960016-U)

Environmental & Regulatory Services Division
Bureau of Petroleum Products and Tanks
201 West Washington Avenue
P.O. Box 7837
Madison, WI 53707-7837

Wisconsin COMM 10 Material Approval

Equipment: Secondary Containment Aboveground Tanks &
Open/Closed Top Diked Aboveground Tanks

Manufacturer: Dakota Transportation Services, Inc.
dba as D.T.S., Inc.
27157 470th Avenue
Tea, SD 57064

Expiration of Approval: December 31, 2007

SCOPE OF EVALUATION

D.T.S., Inc. fabricates fuel supply tanks for the stationary combustion engine market. The D.T.S., Inc. secondary containment aboveground tank and open/closed top diked aboveground tank for flammable or combustible liquids was evaluated in accordance with **COMM 10.345 (1)** of the Wisconsin Administrative Flammable and Combustible Liquids Code. This Material Approval does not address tanks mounted on trailers for temporary or portable use.

This approval has been based upon Commerce evaluation of information submitted by the manufacture, including UL authorization. Specific tank or manufacturer design data is considered confidential. Specific technical information relating to evaluating or qualifying the technical and engineering information submitted should be made to the manufacturer or submitter.

This evaluation summary is condensed to provide the specific installation, application and operation parameters necessary to maintain the subject systems in compliance with the

Wisconsin Administrative Code – Comm 10.

DESCRIPTION AND USE

These tanks are listed (UL 142) tanks for the aboveground storage of flammable or combustible liquids. D.T.S., Inc. manufactures tanks in rectangular configurations of varying capacity according to the **UL 142** Standard. The engine support design has also been approved by UL.

- All tanks have: emergency vent, normal vent, fuel fill, fuel level gauge, engine supply line, engine return line, low fuel alarm, leak detection, drains, and fittings for optional alarms.

LIMITATIONS / CONDITIONS OF APPROVAL

Tank and engine units are to be installed in accordance with Comm 10 – Wisconsin Flammable and Combustible Liquid Code, NFPA 30 – Flammable and Combustible Liquids Code, NFPA 37 – Installation and Use of Stationary Combustion Engine and Gas Turbines, and NFPA 110 – Standard for Emergency and Standby Power Systems.

- All tanks will display the UL 142 label.
- The UL listed open top diked tank may be used for outdoor secondary containment only if it meets the requirements of **s. Comm 10.345** regarding 125 percent capacity and integral means of rainwater removal. Closed top tanks require only 100 percent capacity and do not require the means of rainwater removal.
- The interstitial space shall be monitored for leaks. The monitor must be capable of detecting a leak from anywhere in the inner tank.
- No attachments shall be made to the tank that will violate or void the UL Listing.
- The tank system operator is required to maintain the system components according to the respective manufacturer's guidelines.
- An aboveground storage tank installer certified by the department in accordance with **Comm 5.84** shall supervise the installation. A leak test shall be performed on-site by the installer prior to installation approval.

This approval will be valid through December 31, 2007, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Material Approval Number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The Department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement unless specified in this document.

Reviewed by: _____

Greg Bareta, P. E.
Engineering Consultant
Bureau of Petroleum Products and Tanks

Approved by: _____ Date: _____